

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : (Docket 0074-456205GWW)

WILSON, Andrew

U.S. Appln. No. (not assigned yet)

International Appln. No. PCT/NZ00/00118

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For: APPARATUS AND METHOD FOR
GAS SENSING

#5/A
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R. Talley

PRELIMINARY AMENDMENT

As a preliminary matter, please amend the above-identified application as follows:

In the Claims:

Amend Claims 3, 4, 7, and 8 to read as follows:

3.(Amended) An apparatus according to claim 2 further comprising means between the light source and the optical fibre arranged to split the returned light from the transmitted light and direct the returned light to the photodetector.

4.(Amended) An apparatus according to claim 3 wherein the light source and photodetector are positioned remotely to the gas cell or zone.

7.(Amended) A method according to claim 6 further comprising splitting, between the light source and the optical fibre, the returned light from the transmitted light and directing the returned light to the photodetector.

8.(Amended) A method according to claim 7 wherein the light source and photodetector are positioned remotely to the gas cell or zone.

Cancel claim 9 and 10.

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